

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of alerting ~~[[customers]]~~ users of real-time manufacturing production status using the World Wide Web and Internet, comprising:
 - a. allowing ~~said customers~~ a customer to define ~~their own alerts and conditions~~ an alert and conditions corresponding to the alert for said real-time manufacturing production status on a World Wide Web page;
 - b. setting of said ~~alerts and conditions~~ alert and corresponding conditions by product, lot, stage, and production status remotely by said customer using said World Wide Web page;
 - c. checking the ~~alert conditions~~ corresponding conditions when work in process data is updated; and
 - d. sending real-time said ~~[[alerts]]~~ alert automatically to said customer when said ~~alerts and~~ corresponding conditions are met.
2. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 1, wherein said Web page uses a standard browser for input by said customer.
3. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 1, wherein said work in process data is updated to a central database.
4. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 1, wherein ~~function is called which sends~~ the sending real-time said alert comprises sending said alert via electronic communication means ~~to said customer when said conditions are met.~~

5. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 2, wherein remote access is provided over said Internet controlled by user ID and password established by a server.

6. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 2, wherein the defining of said alerts and conditions is done on formatted said Web page that is provided by said server.

7. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 2, wherein said Web page visually shows in real time said ~~[[customers']]~~ customer's ~~[[said]]~~ manufacturing production status.

8. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 2, wherein said input by said customer has the capability of being created, changed, and deleted.

9. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 3, wherein said server is connected to ~~a database or databases~~ at least one database.

10. (Currently Amended) The method of ~~alerting customers of manufacturing production status of~~ claim 4, wherein said ~~alerts and conditions are contained~~ alert and corresponding conditions are stored in an alert database that is created by said server.

11. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 4, wherein it is possible for a plurality of said manufacturing execution systems from a plurality of Fabs to be updating said database.

12. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 6, wherein each Fab has its own manufacturing execution system.

13. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status of~~ claim 8, wherein said formatted Web page is in table form capable of displaying a plurality of jobs.

14. (Currently Amended) The method of ~~alerting customers of manufacturing production status of~~ claim 13, wherein said electronic communication means are Internet connected devices and telephone system connected devices.

15. (Currently Amended) A system of alerting customers of manufacturing production status using the World Wide Web (Web) and Internet, comprising:

- a. means for allowing ~~said customers~~ a customer to define ~~their own alerts and conditions~~ an alerts and conditions corresponding to the alert for said real-time manufacturing production status on a World Wide Web page;
- b. means for setting said ~~alerts and conditions~~ alert and corresponding conditions by product, lot, stage, and production status remotely by said customer using said World Wide Web page;
- c. means for checking the ~~alert conditions~~ corresponding conditions when work in process data is updated; and
- d. means for sending real-time said ~~[[alerts]]~~ alert automatically to said customer when said ~~alerts and~~ conditions are met.

16. (Currently Amended) The system ~~method of alerting customers of real-time manufacturing production status of~~ claim 15, wherein said Web page uses a standard browser for input by said customer.

17. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status of~~ claim 15, wherein said work in process data is updated to a central database.

18. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status of~~ claim 15, wherein function is called which sends said alert via electronic communication means to said customer when said conditions are met.

19. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status of~~ claim 16, wherein remote access is provided over said Internet controlled by user ID and password established by a server.

20. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status of~~ claim 16, wherein the defining of said alerts and conditions is done on formatted said Web page that is provided by said server.

21. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status of~~ claim 16, wherein said Web page visually shows in real time said ~~[[customers']]~~ customer's ~~[[said]]~~ manufacturing production status.

22. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status of~~ claim 16, wherein said input by said customer has the capability of being created, changed, and deleted.

23. (Currently Amended) The system of ~~alerting customers of real-time manufacturing~~

~~production status~~ of claim 17, wherein said server is connected to a database or databases.

24. (Currently Amended) The system of ~~alerting customers of manufacturing production status~~ of claim 18, wherein said alerts and conditions are contained in an alert database that is created by said server.

25. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status~~ of claim 18, wherein it is possible for a plurality of said manufacturing execution systems from a plurality of Fabs to be updating said database.

26. (Currently Amended) The system of ~~alerting customers of real-time manufacturing production status~~ of claim 20, wherein each Fab has its own manufacturing execution system.

27-29. (Cancelled)